

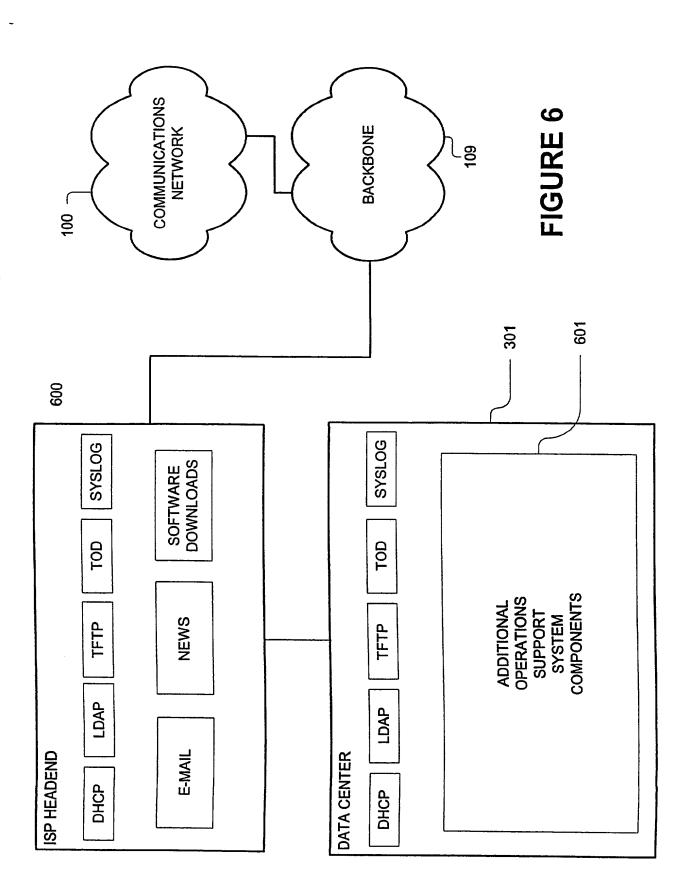
SERIAL NO: 09/784,069 INV: Mark A. Podracky DOCKET # 202586US-8 SHEET <u>2</u> OF <u>15</u> COMMUNICATIONS NETWORK 109 BACKBONE 100 **BACKGROUND ART** FIGURE 2 HEADEND PERSONAL COMPUTER 203 ر 201 DIGITAL SUBSCRIBER LINE ACCESS MULTIPLEXER SUBSCRIBER LINE MODEM DIGITAL 200 202

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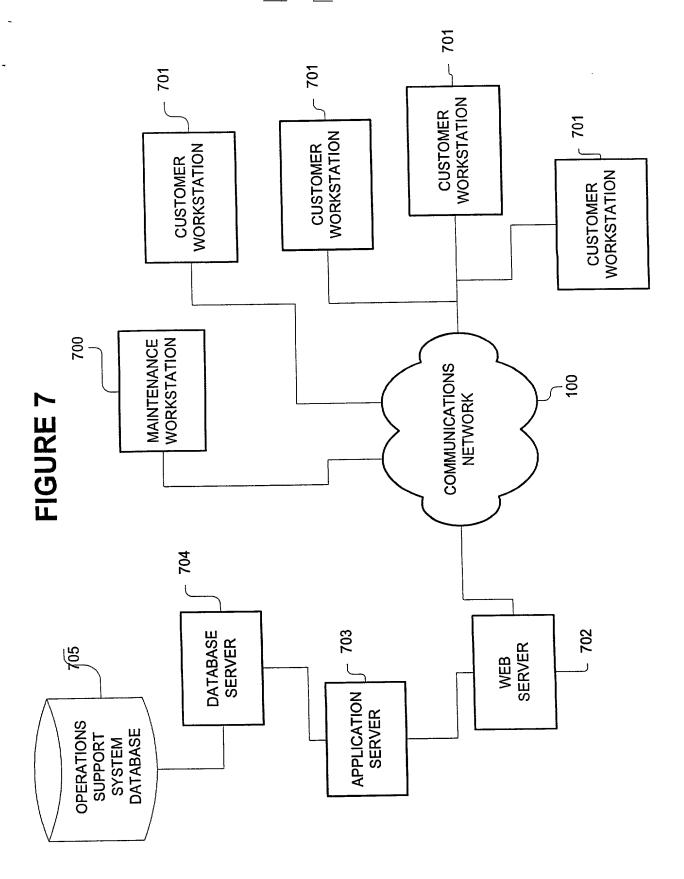
SERIAL NO: 09/784,069

SHEET 4 OF 15 400 **FIGURE 4** FIBER NODE 402 400 400 FIBER NODE 402 401 FIBER NODE FIBER NODE 402 CABLE MODEM TERMINATION SYSTEM 403 403 CABLE MODEM TERMINATION CABLE MODEM TERMINATION SYSTEM SYSTEM FIBER NODE 403 402 401 FIBER NODE DATA CENTER 301

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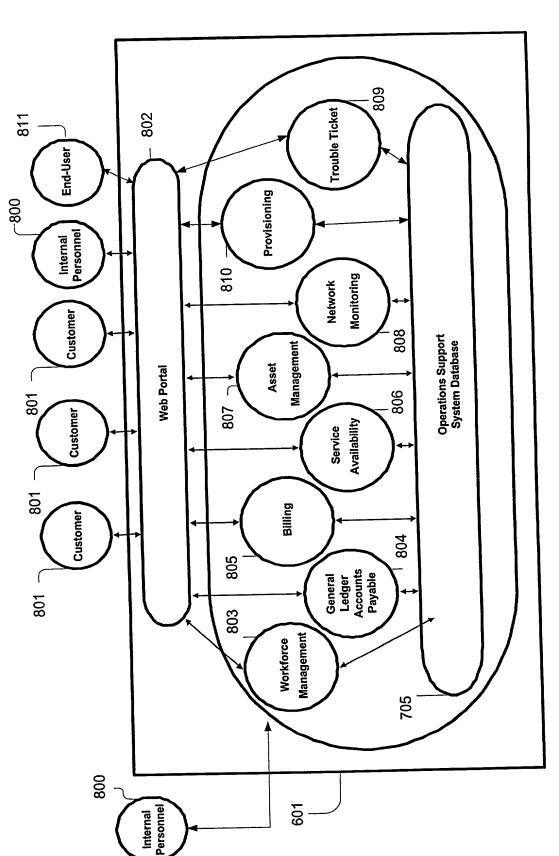
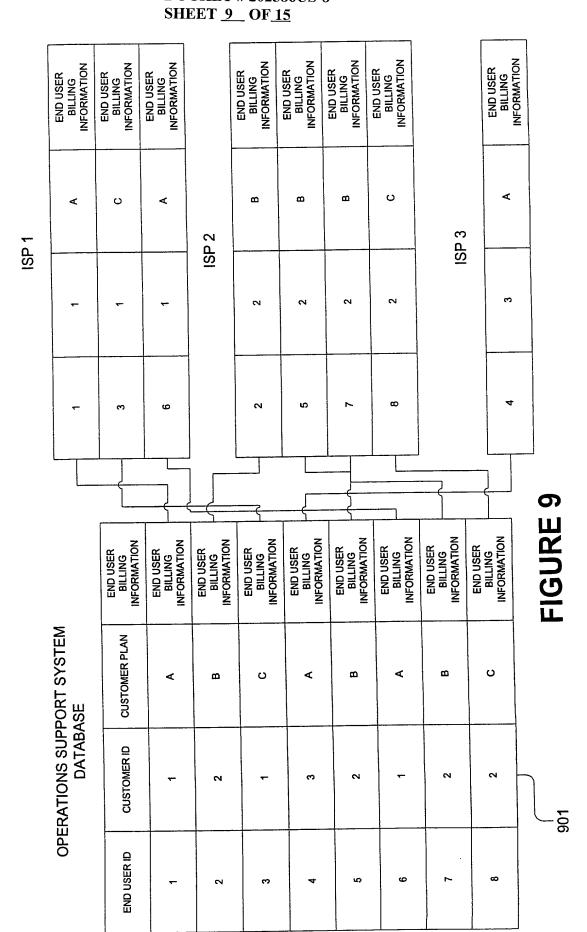


FIGURE 8

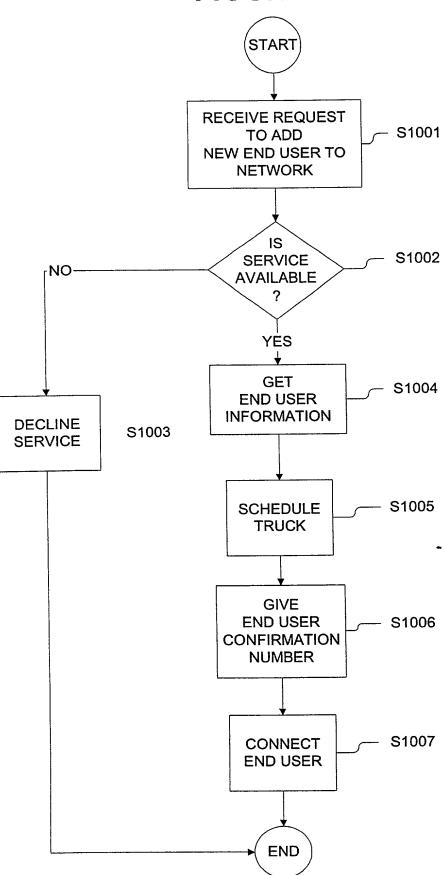
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FIGURE 10

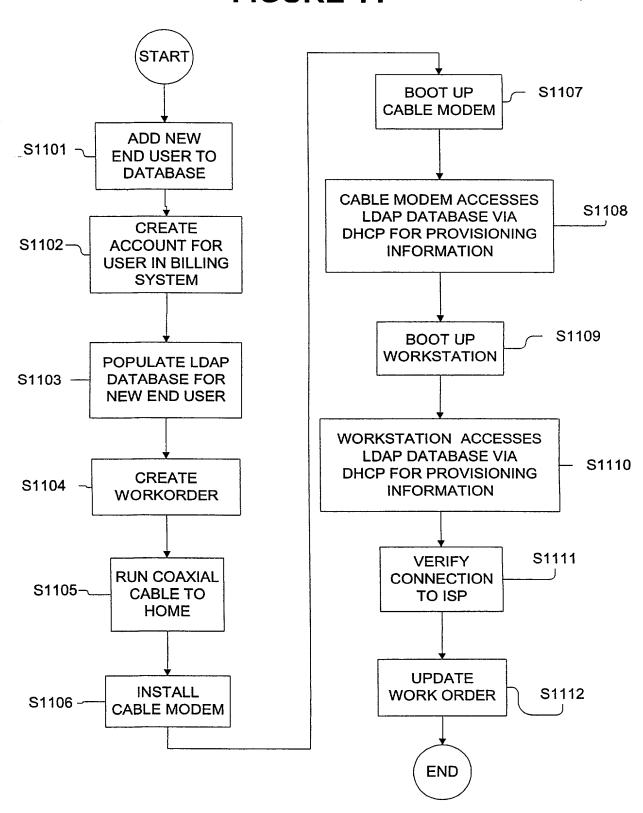


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FIGURE 11



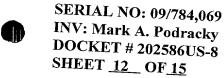
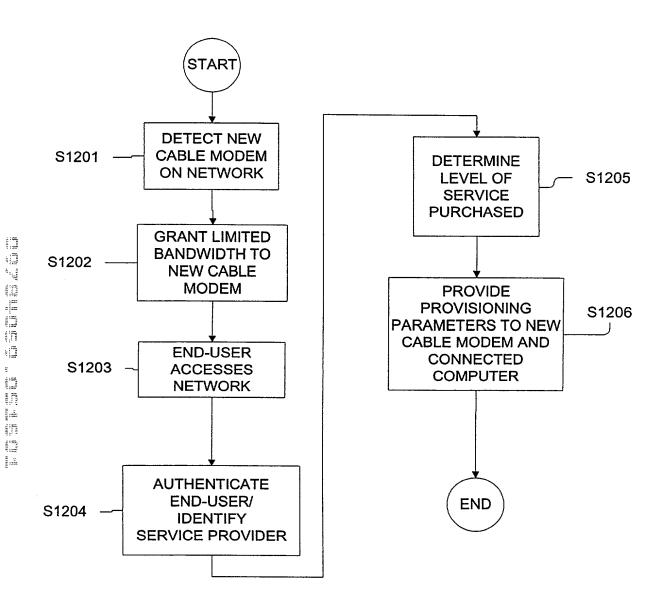




FIGURE 12



THE PHONE AND AN ACCOUNT.

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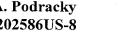
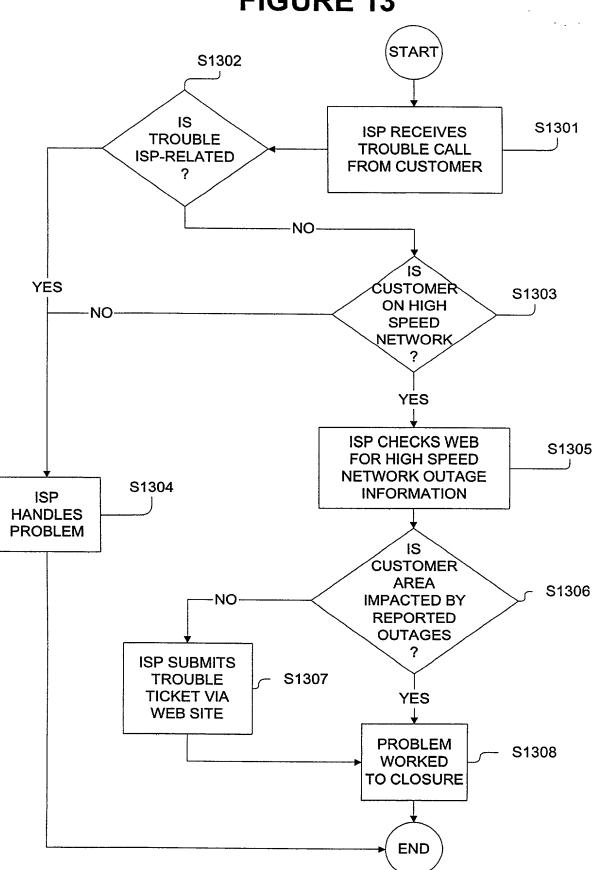




FIGURE 13





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FIGURE 14

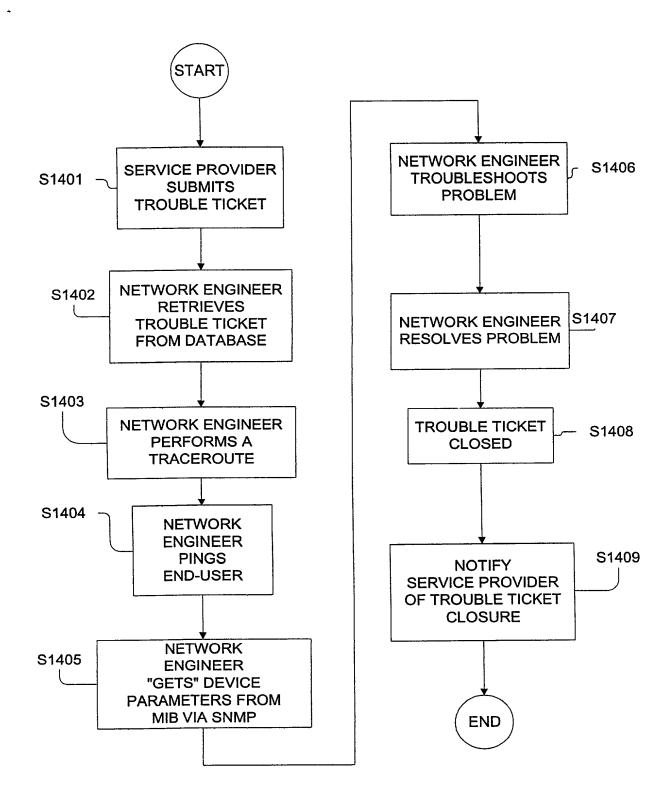


 FIGURE 15

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